

(No Model.)

F. R. TAYLOR.
BOX FASTENER.

No. 422,850.

Patented Mar. 4, 1890.

Fig. 1.

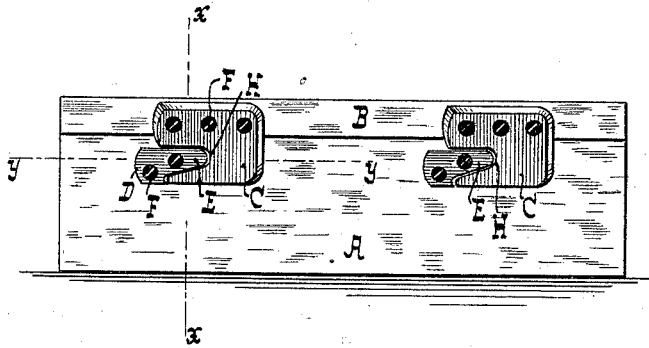


Fig. 2.

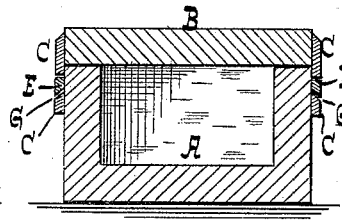


Fig. 3.

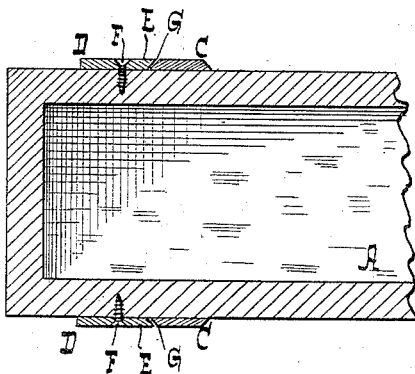
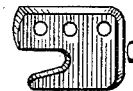


Fig. 4.



Fig. 5.



WITNESSES:

William Miller
Edward Wolff.

INVENTOR:

Frank R. Taylor.

BY

Van Santvoord & Hauff

ATTORNEYS

UNITED STATES PATENT OFFICE.

FRANK R. TAYLOR, OF MOUNT VERNON, NEW YORK.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 422,850, dated March 4, 1890.

Application filed December 12, 1889. Serial No. 333,495. (No model.)

To all whom it may concern:

Be it known that I, FRANK R. TAYLOR, a citizen of the United States, residing at Mount Vernon, in the county of Westchester and State of New York, have invented new and useful Improvements in Box-Lid Fastenings, of which the following is a specification.

This invention has for its object to provide novel means for fastening the lids or covers of boxes; and it consists in the features of construction and combination or arrangement of devices hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a side elevation of a box and cover. Fig. 2 is a section along $x x$, Fig. 1. Fig. 3 is a section along $y y$, Fig. 1. Figs. 4 and 5 are detail views of the lugs.

The letter A indicates the box, and B is the cover or lid. To the cover are secured one or more lugs C, and to the box are secured one or more lugs D. The lugs C D are adapted to interlock, one of the lugs having a tongue E, adapted to enter a suitable recess in the other lug, so as to cause an interlocking of the lugs and securing the cover to the box. The lugs are secured in place by fastenings F, such as screws or rivets.

By placing the cover on the box and moving or sliding the cover along so as to cause the lugs C D to interlock the cover is secured to the box, while by sliding the cover in the opposite direction disengagement of the lugs is obtained, so that the cover can be taken from the box.

The contact faces of the lugs C D are beveled, as indicated by the dividing-line G, Figs. 2 and 3, between the lugs. This beveling of the lugs prevents the side or wall of the box from springing or being bent inward and secures a proper relative position of the box-

wall to the cover. The free end H of the tongue E is also beveled, and the contact part for said end H on the lug C is similarly beveled, so that in case the box-wall should be bent the forcing home of the cover to bring the end H to its place on lug C will straighten the box-wall out again. The fastening device thus not only secures the cover to the box, but also secures a proper alignment of the box wall or side and prevents the box-wall from bending or being forced inward, so that the box always presents a neat appearance and the contents of the box are not liable to be disturbed or injured. The beveled contact edges also prevent the lugs striking against one another when the lid is moved into place in case the box-wall should be bent; but said beveled contact edges enable the lugs to interlock and to gradually straighten the bent box-wall as the lid is moved into place. The lugs on the box are situated on the opposite outer sides of the box, and the lugs on the box and cover can be polished or finished so as to be tasty in appearance.

What I claim as new, and desire to secure by Letters Patent, is—

The combination, with a box and cover, of lugs on the opposite outer sides of the box, and lugs on the cover arranged to interlock with the box-lugs by fitting against the under faces of the latter, said lugs having their contact faces beveled or inclined to prevent the box wall or side being pressed inward, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

FRANK R. TAYLOR.

Witnesses:

W. C. HAUFF,

E. F. KASTENHUBER.